

DPD Rec'd PCT/PTO 15 MAR 2005

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

576P070

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/527843

INTERNATIONAL APPLICATION NO.  
PCT/JP2002/009671

INTERNATIONAL FILING DATE  
20 September 2002

PRIORITY DATE CLAIMED

TITLE OF INVENTION

DYE COMPOSITION, INK COMPOSITION, AND METHOD OF INK-JET RECORDING

APPLICANT(S) FOR DO/EO/US

Hirokazu Kitayama and Yasuo Shirasaki

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:


1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
  1. Copy of the International Search Report;
  2. Form PCT/IB/308

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/527843</b>		INTERNATIONAL APPLICATION NO. PCT/JP2002/009671		ATTORNEY'S DOCKET NUMBER 576P070	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00				\$	
<input checked="" type="checkbox"/> b) Examination fee..... \$200.00				\$	
<input checked="" type="checkbox"/> c) Search fee..... \$500.00				\$	
<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$ -	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ -	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$ 1,000.00	
Total claims	22 - 20 =	2	x \$50.00	\$ 100.00	
Independent claims	2 - 3 =	0	x \$200.00	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ 360.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,460.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ -	
<b>SUBTOTAL =</b>				\$ 1,460.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ -	
<b>TOTAL NATIONAL FEE =</b>				\$ 1,460.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,500.00	
Amount to be refunded:					\$
Amount to be charged					\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,460.00</u> &amp; <u>40.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>14-0930</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>14-0930</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO: CUSTOMER NO: 42754</p> <p>Nields &amp; Lemack 176 E. Main Street - Suite 7 Westboro, MA 01581</p> <p> SIGNATURE Kevin S. Lemack NAME 32,579 REGISTRATION NUMBER</p>					

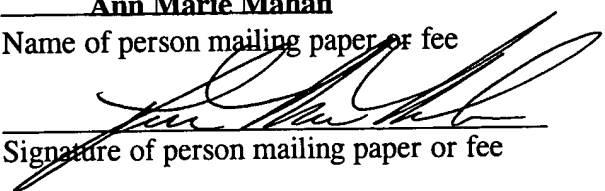
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hirokazu Kitayama et al.  
Serial No. : Not yet assigned (PCT/JP2002/009671)  
Filed : Herewith By Express Mail (20 September 2002)  
For : DYE COMPOSITION, INK COMPOSITION, AND  
METHOD OF INK-JET RECORDING  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P070  
Type of paper : **Copy of the International Search Report**

"EXPRESS MAIL" MAILING LABEL NO. **ED 113525659 US**  
DATE OF DEPOSIT: March 15, 2005

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, **Mail Stop: PCT**, Alexandria, VA 22313-1450.

Ann Marie Mahan  
Name of person mailing paper or fee

  
Signature of person mailing paper or fee

10/527 843

DT15 Rec'd PCT/PTC 15 MAR 2005

Attorney Docket No. 576P070

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Hirokazu Kitayama and Yasuo Shirasaki**

For: **DYE COMPOSITION, INK COMPOSITION, AND METHOD OF INK-JET  
RECORDING**

**Mail Stop: PCT**

Commissioner For Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:


**LETTER**

The above-identified applicants enclose for filing the national phase of a PCT patent application (**PCT/JP2002/009671**) entitled "**DYE COMPOSITION, INK COMPOSITION, AND METHOD OF INK-JET RECORDING**". Said attached PCT patent application includes (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2-Pages); (2) Translation of the International Application into English: 28-Page Specification (including 2-Pages of Claims (12) and 1-Page Abstract); (3) Executed Declaration (2-Pages); (4) Check in the amount of \$1,460.00 in payment of the Filing Fee; (5) Copy of the International Search Report (1-page); (6) Recordation Form Cover Sheet (1-Page), Assignment (2-Pages); (7) Check in the amount of \$40.00 in payment of the Recording Fee; and (8) Copy of the Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308)(1-Page).

All correspondence concerning this application should be mailed to: **CUSTOMER NO: 42754**

**Kevin S. Lemack  
Nields & Lemack  
176 E. Main Street - Suite 7  
Westboro, Massachusetts 01581**

Respectfully submitted,

  
**Kevin S. Lemack**  
Attorney for Applicant  
Registration No. 32,579

Date: March 15, 2005

**EXPRESS MAIL NO: ED 113525659 US**

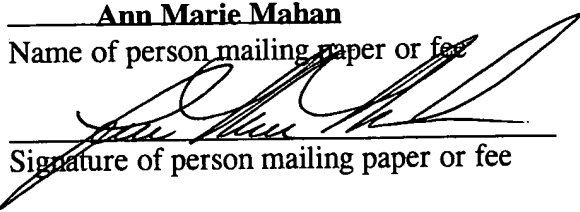
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P070  
Type of paper : **Recording Fee**

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Ann Marie Mahan  
Name of person mailing paper or fee

  
Signature of person mailing paper or fee

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Examiner : Not yet assigned

Art Unit : Not yet assigned

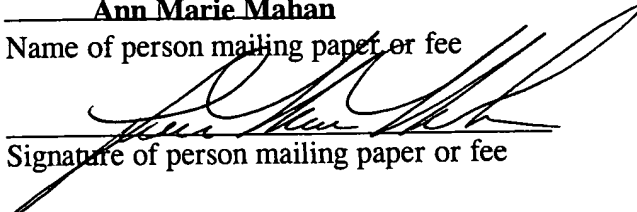
Attorney  
Docket No. : 576P070

Type of paper : **Copy of the Notice Informing the Applicant of the  
Communication of the International Application to the  
Designated Offices (Form PCT/IB/308)**

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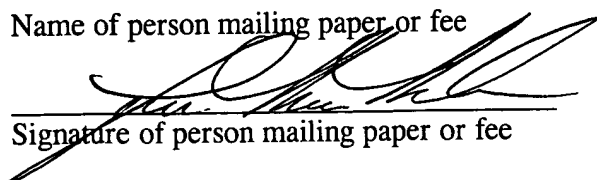
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P070  
Type of paper : **Filing Fee**

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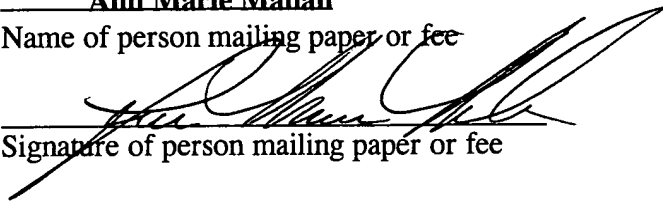
Applicants : Hirokazu Kitayama et al.  
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Filed : Herewith By Express Mail (20 September 2002)  
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METHOD OF INK-JET RECORDING  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P070  
Type of paper : Assignment

"EXPRESS MAIL" MAILING LABEL NO. ED 113525659 US  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

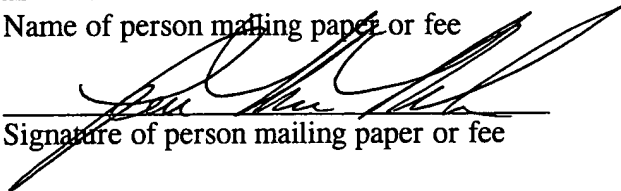
Applicants : Hirokazu Kitayama et al.  
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METHOD OF INK-JET RECORDING  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P070  
Type of paper : Executed Declaration

"EXPRESS MAIL" MAILING LABEL NO. ED 113525659 US  
DATE OF DEPOSIT: March 15, 2005

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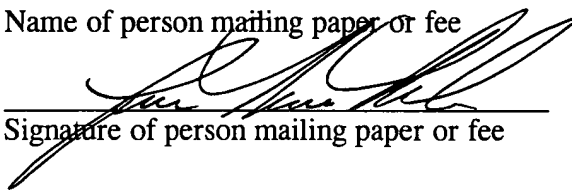
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METHOD OF INK-JET RECORDING  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P070  
Type of paper : Translation of the International Application into English

"EXPRESS MAIL" MAILING LABEL NO. ED 113525659 US  
DATE OF DEPOSIT: March 15, 2005

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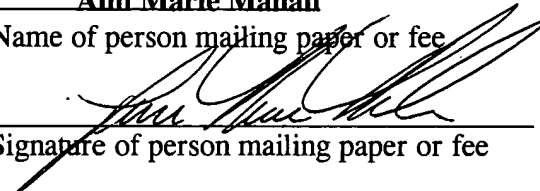
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P070  
Type of paper : Letter

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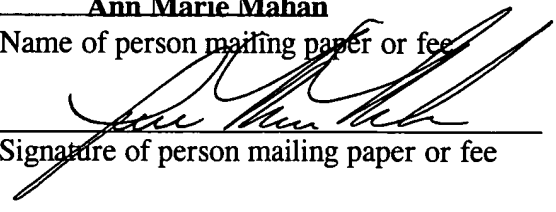
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P070  
Type of paper : **Transmittal Letter to the United States Designated/Elected Office  
(DO/EO/US) Concerning a Filing Under 35 U.S.C. 371**

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